

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10657516
Filing Date	2003-09-08
First Named Inventor	Francois Binette
Art Unit	1636
Examiner Name	C. X. Qian
Attorney Docket Number	022956-0225

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	2	4130639		1978-12-19	Shalaby et al.	
	3	4140678		1979-02-20	Shalaby et al.	
	4	4141087		1979-02-27	Shalaby et al.	
	5	4205399		1980-06-03	Shalaby et al.	
	6	4208511		1980-06-17	Shalaby et al.	
	7	4352683		1982-10-05	Lim	
NB/	8	5464929		1995-11-07	Bezwada et al.	

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NB/	9	5468253		1995-11-21	Bezwada et al.	
	10	5595751		1997-01-21	Bezwada et al.	
	11	5597579		1997-01-28	Bezwada et al.	
	12	5607687		1997-03-04	Bezwada et al.	
	13	5616552		1997-04-08	Bezwada et al.	
	14	5620698		1997-04-15	Bezwada et al.	
	15	5645850		1997-07-08	Bezwada et al.	
	16	5648088		1997-07-15	Bezwada et al.	
	17	5698213		1997-12-16	Jamiolkowski et al.	
	18	5700583		1997-12-23	Jamiolkowski et al.	
NB/	19	5859150		1999-01-12	Jamiolkowski et al.	

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NB/	3	Baekkeskov et. al., (1990) Nature, 347: 151-156						<input type="checkbox"/>

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/VB/	4	Bakay et. al., (1985) Appl. Neurophysiol., 48: 358-361	<input type="checkbox"/>
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NB/	10	<del>Bookman</del> Book et. al., (1998) Semin. Oncol., 25: 381 - 396	<input type="checkbox"/>
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NB/	13	Castano et. al., (1991) J. Clin. Endocr. Metab., 73: 1197-1201	<input type="checkbox"/>
/VB/	14	Corvol et. al., (1980) FEBS Lett., 116: 273-276	<input type="checkbox"/>

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NB/	15	Crabb et. al., (1990) J. Bone Mineral Res., 5: 1105-1112	<input type="checkbox"/>
	16	Dotta et. al., (1992) Endocrinology 130: 37-42	<input type="checkbox"/>
	17	Downie et. al., (1994) Dev. Biol., 162: 195	<input type="checkbox"/>
	18	Fueshko et. al., (1994) Dev. Biol., 168: 331-346	<input type="checkbox"/>
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	20	Gerstenfeld et. al., (1990) Conn. Tiss. Res. 24: 29-39	<input type="checkbox"/>
	21	Gillard et. al., (1989) Journal Immunol. Methods., 142: 3826-3832	<input type="checkbox"/>
	22	Greiss et. al., (1993) Biophysical J., 65: 138-148	<input type="checkbox"/>
	23	Griscelli et. al., (1998) proc. Natl. Acad. Sci., USA 95: 6367	<input type="checkbox"/>
	24	Hahn et. al., (1984) Endocr. Res., 10: 123-138	<input type="checkbox"/>
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NB/	26	Hantraye et. al., (1990) Exp. Neurol., 108: 91-1014	<input type="checkbox"/>
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NB/	28	Hearing et. al., (1986) J. Immunol., 137: 379	<input type="checkbox"/>
	29	not provided <del>Himeno, et al., "IMPAIRED VASCULAR INVASION OF CBFA1-DEFICIENT CARTILAGE ENGRAFTED IN THE SPLEEN," July 2002, Journal of Bone and Mineral Research, VOL. 17, NO. 7, PAGES 1297-1305</del>	<input type="checkbox"/>
NB/	30	Isaacson et. al., (1985) Neuroscience 16: 799-817	<input type="checkbox"/>
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NB/	32	Iwamoto et. al., (1993) Exp. Cell Res. 205: 213-224	<input type="checkbox"/>
NB/	33	Iwamoto et. al., (1993) Exp. Cell Res., 207: 413-420	<input type="checkbox"/>
NB/	34	Jorgensen et al. (Immunology Today Trends. Sept 1998; 19(9): 387-391).	<input type="checkbox"/>
NB/	35	Kanazawa et. al., (1986) Neurosci. Lett., 71: 241-246	<input type="checkbox"/>
NB/	36	Kato et. al., (1998) Proc. Nat. Acad. Sci., 85: 9552-9556	<input type="checkbox"/>

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NB/	37	Leboy et. al., (1989) J. Biol. Chem., 264: 17281-17286	<input type="checkbox"/>
	38	Leboy et. al., (1994) Microscopy Res. and Technique 28: 483-491	not provided <input type="checkbox"/>
NB/	39	Leibson et. al., (1984) Nature, 309: 799	<input type="checkbox"/>
NB/	40	Lian et. al., (1993) J. Cellular Biochem., 52: 206-219	<input type="checkbox"/>
NB/	41	Madry Madry, et al., "Efficient lipid-mediated gene transfer to articular chondrocytes," February 2002, GENE THERAPY, Vol. 7, no. 4, pages 286-291	<input type="checkbox"/>
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NB/	43	Osborne et. al., (1995) Proc. Natl. Acad. Sci., USA 92: 8055-8058	<input type="checkbox"/>
NB/	44	Pacifici et. al., (1991) Exp. Cell Res. 195: 39-46	<input type="checkbox"/>
NB/	45	Palmer et. al., (1983) Science, 222: 1337-1339	<input type="checkbox"/>
NB/	46	Roark et. al., (1994) Develop. Dynam., 200: 103-116	<input type="checkbox"/>
NB/	47	Rosselot et. al., (1994) J. Bone Miner. Res., 9: 431-439	<input type="checkbox"/>

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NB/	48	Salgaller et. al., (1998) J. Surg. Oncol., 68: 122 - 138	<input type="checkbox"/>
NB/	49	Schwartz et. al., (1989) J. Bone Miner. Res. 4: 199-207	<input type="checkbox"/>
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